

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2298	(451/540-547).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/07 07:55
L2	401	(451/449).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/07 07:55
L3	700	(451/450).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/07 07:55
L4	38	1 and grind\$3 with wheel and space and adjust\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 08:04
L5	15	2 and grind\$3 with wheel and space and adjust\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 08:05
L6	26	3 and grind\$3 with wheel and space and adjust\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 08:06
L7	7	1 and grind\$3 with wheel and adjust\$3 with width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 08:07
L8	1	2 and grind\$3 with wheel and adjust\$3 with width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 08:07
L9	1	3 and grind\$3 with wheel and adjust\$3 with width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 08:08
L10	556	grind\$3 with wheel and adjust\$3 with width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 08:28

## EAST Search History

L11	3	("5,259,150") or ("2,712,205") or ("5,846,125").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/07 08:34
L12	87	erwin with junker.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 08:35
L13	12	("2231516"   "2646653"   "4208843").PN. OR ("5052154").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 08:45
L14	13	("2776527"   "2820334"   "3517462"   "5076024"   "5423717"   "5582540"   "5660582"   "5681216").PN. OR ("5846125").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 08:46
L15	37	("2527762"   "2735236"   "2746220"   "2826019"   "3145511"   "3161995"   "3282263"   "3417517"   "3459379"   "3483858"   "3777443"   "4193228"   "4570609"   "4624237"   "4854087"   "4870946"   "5040341"   "5111624").PN. OR ("5423717").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 08:51
L16	0	((grind\$3 with wheel) and first and second and space and adjust\$3 and collar).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 08:53
S1	875	(451/541).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/07 07:54
S2	178	(451/542).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/06 17:04
S3	116	(451/543).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/06 17:12
S4	150	(451/546).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/06 17:16
S5	212	(451/547).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/06 17:25
S6	401	(451/449).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/07 07:55

## EAST Search History

S7	700	(451/450).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/07 07:55
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